GOOLY CONSULTANCY SERVICES
ISO 9001 : 2015 Certified & NABL Accreditated Laboratory as per ISO/IEC - 17025 - 2017
Corporate off : No. 230, Opp. G.K. Lavender Apartments, Sai Enclave Layout, Kothanur Dinne, J.P. Nagar 8th Phase, Bangalore - 560 076.
Contact: +91-80-42277023/24, 9535200024, 8431662730, Email : info@goolyconsultancy.com, goolylab@gmail.com, Website : www.goolyconsultancy.com

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Date : 31/03/2021

TEST REPORT ON PHYSICAL PROPERTIES OF CEMENT

Name of Client: Executive Engineer Bruhat Bangalore Mahanagara Palike
Address: Yelahanka Division
Package No: Package - 01
Name of Work: Comprehensive development of roads, drains at Maruthinagara , kamakshamma layout, kondappa layout and A sector in ward No- 01, 02 & 04 of Yelahanka division (package no - 01)
Name Contractor: M/s Sri Sai Constructions
Name of PMC: M/s Gooly Consultancy services, Bangalore
Date of Receipt: 26/02/2021
Sample ID No:
Location: Ward-01, Maruthi Nagar Papaiah Layout 4th Cross Road
Sampling : Sample Received from the site and tested
Sample Identification*: Bharathi OPC 43 grade
Reference to BIS codes:

Test Method:

IS 4031(Part 1):1996(RA 2016) Determination Of Fineness By Dry Sieving
IS 4031(Part 3):1988 (RA 2019) Determination Of Soundness
IS 4031 (Part 4):1988 (RA 2019) Determination Of Consistency Of Standard Cement Paste
IS 4031 (Part 5):1988 (RA 2019) Determination Of Initial & Final Setting Time
IS 4031 (Part 6):1988 (RA 2019) Determination Of Compressive Strength
IS 4031 (Part 11):1988 (RA 2019) Determination Of Density

Specification :

IS 269 : 2015 Ordinary Portland Cement

Condition of sample: Satisfactory
Date of test: 1/03/2021 to 29/03/2021

Sl.No	Physical properties	Results	Units	Requirement as per IS 269: 2015		
				33 Grade	43 Grade	53 Grade
1	Standard Consistency	30	%	Not specified	Not specified	Not specif
2	Initial Setting time	185	minutes	Min 30 minutes	Min 30 minutes	Min 30 minu
3	Final Setting time	360	minutes	Max 600 minutes	Max 600 minutes	Max 600 mi
4	Fineness by dry sieving	6.8	%	–	–	–
5	Density	3.12	g/cm^3	–	–	

AE

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

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TEST REPORTS OF BITUMEN CONTENT & GRADATION DETERMINATION OF DENSE BITUMINOUS MACADAM

Name of Client:	Bruhat Bangalore Mahanagara Palike
Address:	Yelahanka Division
Package No:	Package - 01
Name of Work:	Comprehensive development of roads, drains at Maruthinagara , kamakshamma layout, kondappa layout and A sector in ward No- 01, 02 & 04 of Yelahanka division (package no - 01)
Name Contractor:	M/s Sri Sai Constructions
Name of PMC:	M/s Gooly Consultancy services, Bangalore
Date of Sample Collection:	24-Apr-2021
Chainage/Location /Land Mark:	Ward 1 Maruthi Nagar-1st Main 7th Cross
Date of testing:	24-Apr-21
Type of Mix:	Dense Bituminous Macadam

BITUMEN CONTENT DETERMINATION

Description	Sample 1	Requirements
1. Weight of Mixture before Test, gm	500	As per MORTH Specification for DBM Grade II (50-75mm) Bitumen Content 4.5 min VG-30
2. Weight of Mixture after Test, gm	475	
3. Weight of Bitumen Extracted, gm	25	
4. Bitumen content in %	5.0	

GRADATION AFTER EXTRACTION

TOTAL WEIGHT OF SAMPLE: 475 gms

SIEVE SIZE in mm	Weight Retained in gm	% Retained	Cumulative % Retained	% Passing	Requirements as per MORTH Specification Table 500-10
37.5	0	0.00	0.00	100.00	100
26.5	39	8.21	8.21	91.79	90 - 100
19	56	11.79	20.00	80.00	71-95
13.2	75	15.79	35.79	64.21	56-80
4.75	61	12.84	48.63	51.37	38-54
2.36	56	11.79	60.42	39.58	28-42
0.3	98	20.63	81.05	18.95	7-21
0.075	71	14.95	96.00	4.00	2-8

Remarks:

The tested sample is found to be satisfactory as it meets MORTH Specification/Project Requirement.

1. The test results pertain to the number of samples as furnished by the customer
2. Any correction in the report will make this report invalid.
3. This report without prior written approval should not be reproduced or published in full or part.
4. Samples will be disposed after 90 days from the date of issue of test certificate

FOR SRI SAI CONSTRUCTIONS

Contractor/Contractor Representative

Client(AE/AEE/EE)

PMC

Gooly Consultancy Services Bangalore